Date: Fri, 12 Mar 93 10:30:52 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #312
To: Info-Hams

Info-Hams Digest Fri, 12 Mar 93 Volume 93 : Issue 312

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

Date: 12 Mar 1993 17:55:12 GMT
From: ucsd.edu!brian@network.UCSD.EDU
Subject: 1296 Repeaters
To: info-hams@ucsd.edu

Here in San Diego, we've built a number of 1.2 repeaters by using the
exciter and receiver from a GE Exec II highband (150 MHz) radio and one
of the DownEast Microwave converters, followed by a couple of power
bricks. The Exec radios were free; the converter is about $150, and
the power bricks are about $200. About $500 total cost, plus a chunk of
labor to get it all assembled.

In Orange County, a friend of mine has built a 1.2 repeater by buying two of the 1.2 modules for a Kenwood 741 radio and adding a control port on his microprocessor control system that sets the frequencies in the modules. He says it works quite well, for about $1000 total cost.
     - Brian

Date: 12 Mar 93 16:20:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: Alternator Wine - Applications
To: info-hams@ucsd.edu

The new CIS's first foray into capitalism will begin next month with the announcement on 4/1 of the first new product from the newly formed, Moscow-based auto maker Knishmobile, Ltd.

The new world-class auto is a completely new design - the result of years of market research into the decadent West and will be targeted at the emerging Russian yuppie class.

It is called the Perogie and a free lifetime supply of alternator wine will come with each car (the body is new but the engine and noisy electrical system have been recycled from the 1956 vintage T-35 tank. Hey, you can't become world-class overnight, you know! This is the Russian version of the "peace dividend").

In any case, all of our Jewish amateurs will soon be celebrating the Passover holiday with everyone's preferred brand of alternator wine - Manishhhhhhhhhhhhhhhhhewitz. All others are invited to substitute the Beveridge (correct spelling) of their choice.

I never met a ham I didn't like - but I wouldn't want to eat him!

Alternator wine is the perfect accompaniment to pizza with EXTRA cheese. No class at all in that one! But an added bonus is that the pan makes a perfect circular radial system for your VHF whip antenna. But this raises yet another slippery question for all you hard-boiled types - NMO, magnetic, or lip mount? If the latter, make sure you don't get burned. In any case, do a good job with it and you'll for sure be able to drink alternator wine and talk (to) Turkey! Should give you a perfect, low angle, pie-shaped pattern - Happy DXing!

I should have substituted the correct country prefix on that one but I don't have a list handy. Besides, don't want to make it TOO funny.

If this corny (oops, can't seem to avoid food puns) post has qualified me

for an automated listserv mandatory UNSUBSCRIBE, you won't hear me wine
about it. I'll just QSY to another QTH where the QRM and QRM have gone
QRT but I'll be back on and off for some more QSB, by gum!

73 to all you FB folks out there, and Don K6LTS, too.

Kalman WD6CZI

Date: Thu, 11 Mar 93 19:46:46 EST
From: tarpit!fang!gator!towers!bluemoon!gerry@uunet.uu.net
Subject: Any experience with 8873 (conduction cooled triode)?
To: info-hams@ucsd.edu

rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

> Leafing through the QST from the 70's, I noticed the 8873 tube
> from Eimac. About 500 W plate dissipation and *conduction cooled*.
>
> I would appreciate hearing from you if you used these or have
> heard interesting stories about them.
>
> Rajiv
> aa9ch
> Address: r-dewan@nwu.edu
> Phone: None. Only CW.

   I have a Henry K-2000, which is a fair imitation of the Handbook
amplifier. The tubes have never given any trouble. It has not been
heavily used, but hasn't been papmered either. It can be driven
with any nominal 100 watt xceiver. GL and 73

gerry@bluemoon My amateur radio callsign is K8EF, and my
packet radio address is K8EF@W8CQK.OH.USA.NA

Date: 12 Mar 93 16:49:20 GMT
From: news-mail-gateway@ucsd.edu
Subject: Daily Solar Geophysical Data Broadcast for 11 March
To: info-hams@ucsd.edu

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 070, 03/11/93
10.7 FLUX=150   90-AVG=137   SSN=111   BKI=2234 4654 BAI=029
BGND-XRAY=B6.2   FLU1=6.9E+06 FLU10=1.7E+04 PKI=3235 5654 PAI=032
  BOU-DEV=014,011,026,058,069,132,096,050   DEV-AVG=057 NT   SWF=02:019
 XRAY-MAX= M7.3   @ 2202UT   XRAY-MIN= B4.5   @ 0027UT   XRAY-AVG= C2.7

```
NEUTN-MAX= +002%  @ 2350UT   NEUTN-MIN= -003%  @ 1310UT  NEUTN-AVG= -0.2%
  PCA-MAX= +0.1DB @ 1955UT     PCA-MIN= -0.3DB @ 0310UT    PCA-AVG= -0.0DB
BOUTF-MAX=55414NT @ 0946UT   BOUTF-MIN=55340NT @ 1705UT  BOUTF-AVG=55391NT
GOES7-MAX=P:+134NT@ 2019UT   GOES7-MIN=E:-024NT@ 1821UT  G7-AVG=+076,+038,+010
GOES6-MAX=P:+141NT@ 1609UT   GOES6-MIN=N:-089NT@ 0655UT  G6-AVG=+089,-002,-050
 FLUXFCST=STD:160,165,165;SESC:160,165,165 BAI/PAI-FCST=010,010,020/015,025,030
    KFCST=4444 2111 1112 2333  27DAY-AP=009,008   27DAY-KP=3323 2222 3222 3222
 WARNINGS=*MAJFLR;*SWF;*PROTON;*PCA
   ALERTS=**MAJFLR:M7.3/2B@N15E74(RGN7448),2152-2202-2229,II=3;
          **245STRM:0001-2359UTC
!!END-DATA!!
```

Date: Fri, 12 Mar 1993 15:19:48 GMT
From: netcomsv!netcom.com!mont@decwrl.dec.com
Subject: DOPPLER DF PCB SOURCE FOUND
To: info-hams@ucsd.edu

If anyones interested, I've found a Dobbler DF board supplier. A few
friends have purchased it and are building it. The board is of very
good quality from what I've seen. I haven't bought one, waiting for
the next paycheck.

The board was designed by a local df group. They were supplying it
but buyers' demands grew larger then they could handle.

The new supplier is:

    Valid Link
    1807 Pruneridge Ave., Suite A
    Santa Clara, CA. 95050

    Phone: (408) 247-9877

    Price: $25 + $4 shipping/handling, plus CA tax if you live here.
    (last time I checked)

BTW- Mention my name, Mont Pierce - KM6WT. Maybe if enough of you
     suggest it to them, I could get a freebe...:) :)

73,
--
Mont Pierce

+---+
| Ham Call: KM6WT   Internet: mont@netcom.com |
| bands: 80/40/20/2   IBM vnet: mont@vnet.ibm.com |

```
|    modes: cw,ssb,fm                                                        |
|      qth: Fremont, CA       Religion:  Jehovah's Witnesses    9/72       |
+----------------------------------------------------------------------------+

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Date: Fri, 12 Mar 1993 16:45:59 GMT
From: usc!cs.utexas.edu!utnut!torn!csd.unb.ca!unbham@network.UCSD.EDU
Subject: Motorola Radios Are/Were Tough
To: info-hams@ucsd.edu

   I used to work with the local volunteer fire dept. and around the
 2nd week of May, we would have almost 20 grass fires a day.
 While at one grass fire, I lost my Minitor II pager which was clipped
 onto my coveralls. After the fire was out I realized it was gone, but
 could not find it anywhere. The landowner approached us with a burning
 blob of melted plastic on the end of a shovel. It was my pager.
 Amazingly enough, after it had cooled for 10 min. , it rang out with
 the next fire call which was being paged. Didn't sound too hot, but it
 worked!!

Don Trynor (VE1ARZ)
UNBHAM@JUPITER.SUN.CSD.UNB.CA

------------------------------

Date: 13 Mar 93 16:59:22 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS$072.2liners
To: info-hams@ucsd.edu

SB KEPS @ AMSAT  $ORBS-072.N
2Line Orbital Elements 072.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM N3FKV  HEWITT, TX   March 13, 1993
BID: $ORBS-072.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:
1 AAAAAU 00  0  0 BBBBB.BBBBBBBB  .CCCCCCCC  00000-0  00000-0 0  DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGGG HHH.HHHH III.IIII JJ.JJJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

AO-10
1 14129U 83 58  B 93070.03460387  .00000008  00000-0  99999-4 0  9763
```

2 14129 27.0798 35.8884 6015780 64.2316 344.8102 2.05877731 73245
UO-11
1 14781U 84 21 B 93070.55132544 .00000723 00000-0 13144-3 0 4043
2 14781 97.8223 101.2359 0011148 315.8727 44.1592 14.68893547482388
RS-10/11
1 18129U 87 54 A 93071.11221865 .00000097 00000-0 99999-4 0 5734
2 18129 82.9264 310.3721 0010313 224.8969 135.1344 13.72310562286534
AO-13
1 19216U 88 51 B 93069.78120669 -.00000277 00000-0 99999-4 0 5708
2 19216 57.6291 328.4346 7256268 310.2193   6.2583 2.09727942 36292
FO-20
1 20480U 90 13 C 93068.60717966 -.00000000 00000-0 28009-4 0 4400
2 20480 99.0574 303.5941 0540538 312.3140 43.3331 12.83218168144549
AO-21
1 21087U 91 6 A 93070.65017752 .00000101 00000-0 99999-4 0 7164
2 21087 82.9426 125.0197 0034163 295.1572 64.6038 13.74511303106040
RS-12/13
1 21089U 91 7 A 93065.88141644 .00000047 00000-0 43465-4 0 3953
2 21089 82.9214 357.9810 0030108 331.5750 28.3761 13.74015537104476
UO-14
1 20437U 90 5 B 93069.74954765 .00000134 00000-0 60132-4 0 7288
2 20437 98.6217 155.1084 0011492 111.7754 248.4655 14.29743508163364
AO-16
1 20439U 90 5 D 93063.24566247 .00000140 00000-0 62234-4 0 5463
2 20439 98.6249 149.4632 0011636 128.4635 231.7594 14.29800952162441
DO-17
1 20440U 90 5 E 93070.73212968 .00000179 00000-0 77347-4 0 5491
2 20440 98.6286 157.0647 0011956 109.9364 250.3112 14.29938111163525
WO-18
1 20441U 90 5 F 93070.21050427 .00000171 00000-0 73924-4 0 5517
2 20441 98.6280 156.5818 0013006 109.2043 251.0555 14.29920457163454
LO-19
1 20442U 90 5 G 93071.19804869 .00000168 00000-0 72980-4 0 5486
2 20442 98.6293 157.7203 0012398 107.0255 253.2306 14.30009268163609
UO-22
1 21575U 91 50 B 93069.21924511 .00000212 00000-0 78753-4 0 2461
2 21575 98.4836 146.8998 0007281 236.3544 123.6951 14.36788028 86457
KO-23
1 22077U 92 52 B 93006.08586143 -.00000000 00000-0 99999-4 0   866
2 22077 66.0809 303.5860 0013347 229.3565 130.6278 12.86275910 18999
NOAA-9
1 15427U 84123 A 93070.60700684 .00000153 00000-0 91509-4 0 3167
2 15427 99.1118 109.0505 0015773 83.5482 276.7480 14.13489047424996
NOAA-10
1 16969U 86 73 A 93070.73707080 .00000251 00000-0 12342-3 0 1621
2 16969 98.5221 88.6178 0012295 239.3583 120.6382 14.24775826336752
MET-2/17
1 18820U 88 5 A 93068.61562166 .00000057 00000-0 45284-4 0 8559

```
2 18820  82.5401 278.1169 0018014  47.6582 312.6101 13.84675689258063
MET-3/2
1 19336U 88 64  A 93068.66774683  .00000044  00000-0  99999-4 0   258
2 19336  82.5427 292.3828 0018056 347.8077  12.2606 13.16956018222117
NOAA-11
1 19531U 88 89  A 93070.93714247  .00000327  00000-0  19649-3 0   678
2 19531  99.1204  44.8589 0012039 356.7880   3.3093 14.12840248229944
MET-2/18
1 19851U 89 18  A 93065.30158833  .00000099  00000-0  83012-4 0  7976
2 19851  82.5221 156.9457 0015577  97.2632 263.0299 13.84323502202957
MET-3/3
1 20305U 89 86  A 93070.49720679  .00000043  00000-0  99999-4 0  6997
2 20305  82.5457 233.7672 0016808   2.2448 357.8746 13.16009502162259
MET-2/19
1 20670U 90 57  A 93066.84524313  .00000059  00000-0  47871-4 0  5485
2 20670  82.5436 218.8600 0016839  18.6084 341.5690 13.84162627136103
FY-1/2
1 20788U 90 81  A 93065.79853315  .00000182  00000-0  14351-3 0  5283
2 20788  98.8709  95.0212 0013635 227.1094 132.8936 14.01279193128246
MET-2/20
1 20826U 90 86  A 93066.20834013  .00000104  00000-0  89306-4 0  5537
2 20826  82.5271 157.5213 0012115 280.6262  79.3545 13.83537127123183
MET-3/4
1 21232U 91 30  A 93069.26985156  .00000043  00000-0  99999-4 0  3510
2 21232  82.5486 137.6962 0017394 279.9095  80.0063 13.16821757 90304
NOAA-12
1 21263U 91 32  A 93070.80172638  .00000350  00000-0  17506-3 0  5225
2 21263  98.6674 102.5932 0013574 133.3761 226.8548 14.22215020 94807
MET-3/5
1 21655U 91 56  A 93069.50119942  .00000044  00000-0  99999-4 0  4079
2 21655  82.5496  84.2191 0012396 279.3909  80.5678 13.16814026 75435
MIR
1 16609U 86 17  A 93071.36410459  .00025269  00000-0  31433-3 0  9324
2 16609  51.6219 345.5680 0002409 120.8834 239.2635 15.59788436404037
HUBBLE
1 20580U 90 37  B 93071.13255183  .00003344  00000-0  30430-3 0   529
2 20580  28.4702 329.6413 0004606 108.7276 251.3834 14.92440263157009
GRO
1 21225U 91 27  B 93070.66224332  .00044046  00000-0  34280-3 0  8399
2 21225  28.4496 286.8479 0005651 140.2221 219.8776 15.70247193109885
TUBSAT
1 21577U 91 50  D 93070.21560298  .00000161  00000-0  61995-4 0  2466
2 21577  98.4839 147.5262 0006122 232.5445 127.5188 14.36347123 86570
SARA
1 21578U 91 50  E 93070.64138128  .00000950  00000-0  32565-3 0  4117
2 21578  98.4882 149.2065 0004848 229.4894 130.6018 14.38277233 86703
UARS
1 21701U 91 63  B 93057.74061066  .00002260  00000-0  21745-3 0  2405
```

2 21701 56.9824 264.1902 0005133 86.3220 273.8400 14.96649214 79763
FREJA
1 22161U 92 64 A 93067.23226300 .00000268 00000-0 17507-3 0 1177
2 22161 63.0062 30.9595 0770766 273.8897 77.4456 13.21594436 20215
/EX

Date: 12 Mar 93 15:49:18 GMT
From: netcomsv!apple!catnip!bandy@decwrl.dec.com
Subject: Too many C-64s [was: Re: Knwd TS-440 Computer Cntrl Opt, anyone have experience?]
To: info-hams@ucsd.edu

jweiss@casbah.acns.nwu.edu (Jerry Weiss) writes:

>Why [the whizzy RS232 i/f chip] wasn't built into the IC-10x is a
>mystery to me. Perhaps kenwood thinks we are all using Vic-20's.

There certainly seems to be enough of them, even among the packet
crowd. This leads to XT boxes going for $300+, even here in
Silicon Valley.

I have even witnessed computer-literate extra-class hams using C-64s
"because they are cheap".

Date: 12 Mar 93 16:47:00 GMT
From: usc!zaphod.mps.ohio-state.edu!ub!acsu.buffalo.edu!ubvmsb.cc.buffalo.edu!oopdavid@network.UCSD.EDU
Subject: TOWER question: conducting vs. non-conducting guys?
To: info-hams@ucsd.edu

In article <1993Mar12.143223.12529@VFL.Paramax.COM>, rossi@gvlf9-q.gvl.unisys.com (Pete Rossi) writes...
>Later this spring I hope to re-install the tower that I had up at my
>parents house some 20 years ago (60 feet of Rohn 25). In its previous
>location it had simple 2-level 3-way guying with 3/16 inch cable with
>*no* insulators. Never had any problems. Everything worked great.
>
>Now I am wondering if I should be considering using this (new) non-conducting
>guy cable that is available.   It would cost roughly 2.5 X more.
>
>The thought of having 60 foot tower with no metallic guy wires sounds
>appealing (loading the tower for 80m and being able to hang other wire
>antennas from the tower without having to worry about guy wire interaction)
>but I am wondering if it is really worth the extra cost since I never had

>any problems in the past.
>
>Are there any hidden problems with using non-conducting guys? Is that
>really the way to go?   How hard are they to work with/install?

I have two towers guyed with Phyllistran. It can be cut with a knife
and that is a small security risk.
>
>==
>Pete Rossi - WA3NNA   rossi@VFL.Paramax.COM
>
>Paramax Systems Corporation - a Unisys Company
>Valley Forge Engineering Center - Paoli, Pennsylvania
>==

Date: Fri, 12 Mar 1993 14:58:09 GMT
From: usc!howland.reston.ans.net!paladin.american.edu!darwin.sura.net!
rsg1.er.usgs.gov!resdgs1.er.usgs.gov!tbodoh@network.UCSD.EDU
Subject: Uniden reply comments to FCC docket 93-01
To: info-hams@ucsd.edu

In article <rec-radio-info731904502@ve6mgs.ampr.ab.ca>,
whs70@dancer.cc.bellcore.com (sohl,william h) writes:
|> Here's a set of reply comments that make reference to some "interesting"
|> comments/requests by other spectrum users besides the cellular phone
|> providers. If anyone has any other replies on this docket, I'm sure
|> we'd all like to see what the industry response has been to the cellular
|> scan banner Notice of Proposed Rulemaking (NPRM) of the FCC.
|>
|>   CONCLUSION
|>
|> 7. Uniden reiterates its support of the Commission's
|> proposal. As stated in its comments, the only exception to
|> the NPRM as written is with the provisions for frequency
|> converters as mentioned above as well as in our origional
|> comment.
|>
|>
|>   Respectfully submitted
|>
|>   /signature/
|>
|>   James R. Haynes
|>   Chief Engineer
|>
|>   UNIDEN AMERICA CORPORATION

|>   Engineering Services Office
|>   8707 North by Northeast Blvd.
|>   Fishers, Indiana 46038
|>
|>

--
Given that Uniden is a major player in both the scanner and cellular
marketplace, there are some interesting implications here. I wonder if
there weren't some HOT meetings at Uniden or was the decision obvious
based on which division makes more money? Uniden is basically saying
that they'll stand the chance of taking it in the shorts in their scanner
division in order to be able to LIE to their cellular customers when
them tell them that their privacy is being looked after.

This law will change nothing in regards to cellular monitoring. Those that
want to will, using existing scanners or continuing to 'tinker'. Within
a very few years most or all cellular calls will be digital and the
problem will solve itself. Seems to me that the cellular industry is missing
a golden opportunity here - seems like they'd have a stronger selling
position for 'new improved security digital cellular' if it was well known
that the current system is easily monitored. Boy they sure blew it!

++
+ Tom Bodoh - Sr. systems software engineer
           +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198   (605) 594-6830   +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
           +
+   "Welcome back my friends to the show that never ends!" EL&P
           +
++

Date: 12 Mar 93 15:46:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: VHF Car Antenna: 1/2 or 1/4 wave??
To: info-hams@ucsd.edu

Paul, VE1POL writes:
> So my question is: Is there a BIG difference between a 1/2 wave and
> a 1/4 wave car antenna?
>
You don't mention where your repeaters are. The 1/4 wave is fine
if the repeaters are on mountaintops because of the higher angle
of radiation. The 5/8 wave (and I assume the 1/2 wave) antenna
has a lower angle of radiation and would be desirable if your

repeaters were lower. I have used both very successfully with
a 2 1/2 watt handheld...most of the repeaters I access are on
top of mountains.
73,
****
   Linda Stocks, AA6MR   pols0@ais.ucla.edu
                                    aa6mr@wb6wfh#soca.ca.usa
                  Eschew obfuscation
****

Date: Fri, 12 Mar 1993 17:14:00 GMT
From: usc!howland.reston.ans.net!zaphod.mps.ohio-state.edu!
hobbes.physics.uiowa.edu!news.uiowa.edu!news.weeg.uiowa.edu!vaxa.weeg.uiowa.edu!
gcohen@network.UCSD.EDU
Subject: Where do the MODS live for HTs?
To: info-hams@ucsd.edu

I know that this is an FAQ, and I even tried requesting "SENDME DJ160" and
"HELP" from the pcserver@novell.business.uwo.ca that is listed in the FAQ,
but since this hasn't answered me after two days, can someone help me out
by pointing me in the right direction for locating where the modification
directions exist. It is slightly embarassing when your friends have faith
in you that you can find 'almost anything' and when you go to the official
'unofficial' source for such things, you come up completely dry.
Thanks
gc
N0RWZ

Date: 12 Mar 1993 18:03:44 GMT
From: ucsd.edu!brian@network.UCSD.EDU
To: info-hams@ucsd.edu

References <C3n9x9.Ayu@bcstec.ca.boeing.com>, <1no0f8INN9i@network.ucsd.edu>,
<1993Mar11.233304.25101@ncsu.edu>
Subject : Re: Just for fun . . . someone's screw up

djbarnes@eos.ncsu.edu (DONALD JAMES BARNES) writes:
> brian said:
>> Seems to me the more appropriate thing to do is to get a regulation
>> passed that requires a 5 minute maximum transmission length timer in
>> the radio!
>Then what happens.....you can't talk anymore? Or do you just hit the button
>again and keep at it?

Yes. The transmission limit timer in my surplus Motorola mobile radios (now on the ham bands) is set to 1 minute. If you keep the microphone keyed for longer than that time (like when it gets wedged into the seat cushion), it drops the transmitter and sounds a loud tone in the receiver speaker. If I happen to be in the middle of a long rant when that occurs, I just unkey and rekey. I think that has happened to me perhaps three or four times in the two+ years I've owned those radios.

I'd be surprised if any single non-ham two-way-service transmission exceeds 3 minutes more than once or twice a week.

Hams, of course, tend to prop a brick on the mic button and recite their entire life story.
     - Brian

Date: 12 Mar 1993 18:15:56 GMT
From: ucsd.edu!brian@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Mar10.004952.19298@leland.Stanford.EDU>, <1993Mar10.045435.23145@news.acns.nwu.edu>, <6150@catnip.berkeley.ca.us>
Subject : Re: Too many C-64s [was: Re: Knwd TS-440 Computer Cntrl Opt, anyone have experience?]

jweiss@casbah.acns.nwu.edu (Jerry Weiss) writes:
>Why [the whizzy RS232 i/f chip] wasn't built into the IC-10x is a
>mystery to me. Perhaps kenwood thinks we are all using Vic-20's.

My theory on this is that it had to do with Part 15 FCC certification. It's required that the "computing device" meet specs with all of its normal accessories attached. If the digital port is designed to operate at RS232, it will be connected to terminals, computers, who-knows-what. It would need to be engineered to meet Part 15 with just about anything connected to that port.

But if it it were to be designed to be connected ONLY to an external device which incorporated all the RFI filtering, as the Kenwood is, only the combination would need to be certified - a much simple engineering job. Plus, they'd be able to make it meet spec in any country by fiddling the external box, since only THEIR box would be attached.

On the other hand, the cumzouta and guzinta are just TTL, so perhaps Kenwood was planning a follow-on product that just never happened.
     - Brian

Date: Fri, 12 Mar 1993 18:02:17 GMT
From: usc!news.service.uci.edu!ttinews!calvin.tti.com!cole@network.UCSD.EDU
To: info-hams@ucsd.edu

References <jzjt6=f@dixie.com>, <cole.109.731876607@soldev.tti.com>,
<2xktrgr@dixie.com>
Subject : Re: Ham Radio Outlet incident

In article <2xktrgr@dixie.com> jgd@dixie.com (John De Armond) writes:
>From: jgd@dixie.com (John De Armond)
>Subject: Re: Ham Radio Outlet incident
>Date: Fri, 12 Mar 93 06:59:49 GMT
>cole@soldev.tti.com (Randy Cole) writes:
>
>>>I'll give you a tip as to why: The HRO store here in Atlanta also uses
>>>non-paid volunteers. What a concept? Letting the kids play in the
>>>toy store.
>
>>What a concept? WHAT A RIPOFF!
>
>>If this is true (note continued skepticism based on gut instince and
>>suppositions), my opinion of HRO just went in the toilet. Let me
>>give a few reasons
>
>[Massive valleygirl-style whine deleted.]
>
>>Yeah, I know, life isn't fair. But nobody forces me to buy from HRO.
>>I've been treated well by HRO in the past. Maybe there are mitigating
>>circumstances that aren't obvious. But if this "volunteer" crap is
>>true, I'll buy from someone else, thank you.
>
>Know what Randy? I don't give a flying f*ck what you consider to be
>fair. While I'm no fan of HRO and have received generally surly treatment
>from certain of their EMPLOYEES (as opposed to the nice guys who hang around
>on the weekends) at the Atlanta store, I do have to occasionally buy something
>there. I pray that all people such as yourself WILL stay away so that I
>won't have to wait in line to pay and I can face-to-face ragchew with
>the employees and volunteers without them having to feel pressed to wait
>on other customers.
>
>So go ahead, stay away. I highly encourage you to. Other hams who appreciate
>the environment will thank you.
>
>John
>

Whew! What a relief! I was worried that you would care, John.
I was particularly worried that you might strain yourself and come up with
a reasoned reply.

Maybe you'll get better treatment from their employees when HRO Atlanta
quits confusing their business with a hobby and the dingalings who
"volunteer" to work there quit confusing their hobby with a business.

Until then, your prayers have truly been answered and you can rest easy
knowing you won't see me there.

73,

Randy
KN6W

End of Info-Hams Digest V93 #312
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